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U.S. Department of Commerce Patent and Trademark Office Information Disclosure Statement by Applicant		Yoshiba	APPLICANT Yoshiba et al. FILING DATE December 27, 2001		GROUP T		TECH CENTER 1600/2	
		U.S. P	atent Documents					
ixamin er Initial	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBC	FILING DATE		
Am	5,639,950	6/17/97	Verma et al.	800	278		6/29/94	
AM	5,344,923	9/6/94	Verma et al	536	13.2		9/29/92	
xantiner	DOCUMENT NUMBER	Fore FILING DATE	ign Patent Documents COUNTRY	CLASS	SUB-	т.	RANSLATION	
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AM	Tokihiko Nanjo, Masat Kazuo Shinozaki, "Ant	omo Kobayasi isense suppres	hi, Yoshu Yoshiba, Yosh sion of proline degradati Vol. 461 (1999), pp. 203	on improves				
AM	pyrroline-5-carboxylate Science, Vol. 139 (199	synthetase ge 8), pp. 41-48	g, Desh Pal S. Verma, Yene and analysis of tolera	nce to water-	and salt-	-stress in tran	sgenic rice" Plant	
	"Regulation of Levels (1997); pp. 1095-1102	of Proline as a	Kazuo Nakashima, Kazu n Osmolyte in Plants und	ler Water Str	ess" , Plar	nt-Cell Physic	o logy, Vol. 38	
3M	Z. Peng, Q. Lu and D.F dehydrogenase genes c Genetics, Vol. 253 (19)	ontrols proline	eciprocal regulation of & elevels during and after of 41	Δ ¹ -pyrroline- osmotic stress	5-carbox	ylate syntheta s", Molecula	ase and proline r and General	
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m .	Yoshu Yoshiba, To	mohiro Kiyos tion of Levels	ue, Kazuo Nakashima, Kaz of Proline as an Osmolyte	zuko Yamag	guchi-Shir	nozaki and Ka	zuo Cell				
Am .	Yoshu Yoshiba, To Shinozaki, "Regula Physiol., 38(10): (1 Yoshu Yoshiba, To Yamaguchi-Shinoz Induction of a Gene	mohiro Kiyosi tion of Levels 997) pp. 1095 mohiro Kiyosi aki, Keishiro V e for Δ^1 -Pyrro	ue, Kazuo Nakashima, Kaz of Proline as an Osmolyte	zuko Yamag in Plans un ki Ueda, Tsu nd Kazuo Sh tase and the	der Water uyoshi Mi hinozaki,	nozaki and Ka r Stress", Plant izoguchi, , Kaz "Correlatiion l lation of Prolit	zuko .				
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